

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
MR/99-028.C.C

In Re Application Of: **EMIG et al.**

Serial No.
To be assigned

Filing Date
March 1, 2004

Examiner
To be assigned

Group Art Unit
To be assigned

Title: **FLUID DELIVERY SYSTEM HAVING PUMP SYSTEMS, CHECK VALVES AND A REMOVABLE PATIENT INTERFACE**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

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**FLUID DELIVERY SYSTEM HAVING PUMP SYSTEMS, CHECK VALVES AND A REMOVABLE
PATIENT INTERFACE**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

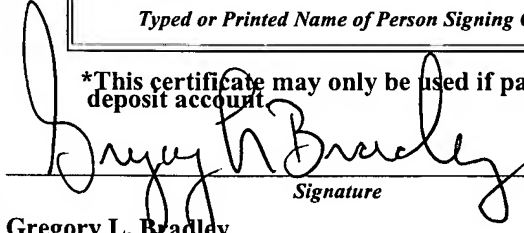
I certify that this document and fee is being deposited _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

***This certificate may only be used if paying by deposit account**

Dated: March 1, 2004



Signature
Gregory L. Bradley
MEDRAD, INC.
One Medrad Drive
Indianola, PA 15051

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
EMIG et al.)	
)	
Serial No.: To be assigned)	Art Unit: To be assigned
)	
Filed: March 1, 2004)	Examiner: To be assigned
)	
For: FLUID DELIVERY SYSTEM HAVING)	
PUMP SYSTEMS, CHECK VALVES AND)	
A REMOVABLE PATIENT INTERFACE)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


This Information Disclosure Statement is being filed in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. The items listed on the attached Forms PTO-1449 may be deemed to be relevant to the patentability of the above-identified application, and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

The references cited in the attached Forms PTO-1449 have been disclosed and/or made of record in related Application Serial Nos: 10/281,661 (now U. S. Patent No. 6,699,219 and 09/553,822 (now U. S. Patent No. 6,471,674), and copies thereof may be found in the corresponding application files.

The Examiner is respectfully requested to initial the attached Forms PTO-1449 to indicate consideration of the references, and to return copies of the initialed forms to the undersigned counsel.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits, and NO FEE is due for consideration of this Information Disclosure Statement.

Respectfully submitted,

By 
Gregory L. Bradley
Reg. No. 34,299

Dated: March 1, 2004

CERTIFICATE OF EXPRESS MAILING

Date of Deposit: March 1, 2004. Mailing Label No.: EV303102885US. I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee: service under 37 C.F.R. 1.10 in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Katherine A. Larkin



INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. MR/99-028.C.C		SERIAL NO. To be assigned	
				EMIG et al.			
				FILING March 1, 2004		GROUP To be assigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,908,652	9/30/1975	Weissinger			
	AB	4,677,980	7/7/1987	Reilly et al.			
	AC	4,944,726	7/31/1990	Hilal et al.			
	AD	5,002,528	3/26/1991	Palestrant			
	AE	5,049,128	9/17/1991	Duquette			
	AF	5,135,489	8/4/1992	Jepson et al.			
	AG	5,188,603	2/23/1993	Vaillancourt			
	AH	5,308,334	5/3/1994	Sancoff			
	AI	5,356,375	10/18/1994	Higley			
	AJ	5,360,413	11/1/1994	Leason et al.			
	AK	5,383,858	1/24/1995	Reilly et al.			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	EP 0 795 342	9/17/1997	Europe				
	AM	WO 99/38562	8/5/1999	WIPO				
	AN	WO 01/89028	11/1/2001	WIPO				

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
		AO	International Search Report for Counterpart PCT Application NO. PCT/US01/12781.
		AP	Optistar MR Digital Injection System Operator's Manual, 801900-A (November 1999).

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AQ	5,423,746	6/13/1995	Burkett et al.			
	AR	5,439,451	8/8/1995	Collinson et al.			
	AS	5,505,707	4/9/1996	Manzie et al.			
	AT	5,569,181	10/29/1996	Heilman et al.			
	AU	5,573,515	11/12/1996	Wilson et al.			
	AV	5,665,074	9/9/1997	Kelly			
	AW	5,685,842	11/11/1997	Drivas			
	AX	5,685,866	11/11/1997	Lopez			
	AY	5,694,686	12/9/1997	Lopez			
	AZ	5,755,692	5/26/1998	Manicom			
	BA	5,806,519	9/15/1998	Evans III et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		BB	Medrad Spectris MR Injector Operation Manual; 92901-T-107, Rev. E, pages 2-1 to 2-18, 4-1 to 4-8 and 6-1 to 6-10 (1996).				
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	FILING March 1, 2004	GROUP To be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BC	5,827,219	10/27/1998	Uber III et al.			
BD	5,840,026	11/24/1998	Uber III et al.			
BE	5,840,058	11/24/1998	Ammann et al.			
BF	5,840,068	11/24/1998	Cartledge			
BG	5,843,037	12/1/1998	Uber III et al.			
BH	5,885,216	3/23/1999	Evans III et al.			
BI	5,916,197	6/29/1999	Reilly et al.			
BJ	5,947,911	9/7/1999	Wong et al.			
BK	5,954,695	9/21/1999	Sims et al.			
BL	6,048,335	4/11/2000	Mayer			
BM	6,096,011	8/1/2000	Trombley III et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,344,030	2/5/2002	Duchon et al.			
		Re 36,648	4/11/2000	Uber, III et al.			
		5,501,674	3/26/1996	Trombley, III et al.			
		6,063,052	516//2000	Uber, III et al.			
		6,149,627	11/21/2000	Uber, III			
		6,306,117	10/23/2001	Uber, III			
		6,440,107	8/27/2002	Trombley, III et al.			
		6,471,674	4/21/2000	Emig et al.			
		6,575,930	6/10/2003	Trombley, III et al.			3/12/1999
		6,620,134	9/16/2003	Trombley, III et al.			11/19/1999
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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